

ABSTRACT OF THE DISCLOSURE

A thin-film magnetic head assembly includes a core block, a magnetoresistive element disposed adjacent to an insulating layer inside the core block, a base plate on which the core block is mounted, an insulating junction substrate mounted on at least one surface of the base plate, and lines connecting the magnetoresistive element to terminals disposed on the junction substrate. The relationship $C_{PWB}/C_{MR} < 1.5$ is satisfied, wherein C_{MR} is the capacitance of the core block including the magnetoresistive element, and C_{PWB} is the capacitance of a section including the junction substrate and the base plate.